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3. *U. parallellus*.—Oblong, sub-rhomboidal, convex, moderately thick, slightly contracted from beak to base; hinge and basal margins parallel, nearly rectilinear; posterior margin oblique; extremity obtusely rounded; epidermis dark olive brown; within white; cardinal teeth oblique, double in each valve; cardinal area under the beaks almost obliterated. (Length 3.7; height 1.1; diameter 1.8.)

Some conchologists may consider this to be a variety of *U. purpureus*, (Say,) and as but one specimen has been received, I cannot judge of the amount of difference which will obtain between the two species. I think the *purpureus* has never yet been found nearly so far south-west as Louisiana; certainly after a long examination of the waters of Alabama, I was unable to find it. The *parallellus* differs from *purpureus* in having a white interior, in the obliteration of the cardinal area, in the regular convexity of the valves, and in having a much larger accessory muscular impression.

These three species are in the collection of the Academy: they were sent from Jackson, in Louisiana.

STATED MEETING, MAY 18.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

Helix Blandingiana; St. Johns, Liberia. *Arca senilis*; same locality.—From Dr. Wm. Blanding.

Fossil *Aspergillum*, from the Newer Pliocene of Palermo, in Sicily: and *Lutraria petrosa*, (Conrad) from Vance's Ferry, S. Carolina.—From Dr. Morton.

DONATIONS TO THE LIBRARY.

Account of Voyages for making Discoveries in the Southern Hemisphere. By John Hawkesworth, L.L.D. 2 vols. 8vo. Dublin, 1775.—From Dr. Morton.

Pharmacopœia Officinalis Brittanica. By Richard Stocker 8vo. London, 1810.

An Experimental Examination of the Pharmacopœia Londonensis. By Richard Phillips. 8vo. London, 1811.—From Dr. Morton.

An Inquiry into the Accordance of War with the Principles of Christianity. By Jonathan Dymond, with notes by Thomas Smith Grimké. 12mo. Philada. 1832. From Paul Beck, Jr., Esq., per Dr. Goddard.

Portfolio Chiensis; or a Collection of Chinese State Papers, with a translation, and notes, by J. Lewis Shuck. 8vo. Macao, 1840.—From Paul Beck, Jr., Esq., per Dr. Goddard.

Life Tables, Founded upon the discovery of a Numerical Law, regulating the existence of every Human Being. By T. R. Edmonds, B. A. 8vo. London, 1832.—From Dr. Morton.

Medical and Physical Memoirs, with an Inquiry into the Nature of the Pestilential Epidemics of the United States. By Charles Caldwell, M.D. 8vo. Philada. 1811.—From Dr. Zantzinger.

WRITTEN COMMUNICATIONS.—Professor Johnson submitted an Examination and Analysis of Coal found in the Province of Arauco, coast of Chili, 30 miles south of Bio Bio river.

The sample of coal, of which the following is a description, was collected by Mr. J. F. Watson, of this city.

In exterior appearance it is nearly related to many of the richest bituminous coals of this country and of Europe.

It is moderately compact ; thin shining laminæ are seen parallel to the bed or plane of super position, but the greater part of the mass is of a dull or pitchy black colour.

Its horizontal or depository surfaces are rather uneven ; vertical sections in some parts smooth, in others, irregular ; very little indication of reediness is perceived. Portions of " clod " or vegetable charcoal are occasionally met with.

Its specific gravity is 1.324.

At a temperature of 300° Fah. it loses of water	2.2	per ct.
Coked at a bright red heat it gives off of volatile matter, burning with a brilliant flame	27.8	"
It contains of carbon, not volatile by simple heat	67.62	"
And when fully incinerated leaves of reddish grey ashes	2.38	"
	<hr/> 100.	

On being quickly exposed to a full red heat it becomes completely fused, and the original form and structure are entirely lost. The coke accordingly belongs to that class which has received the designation of " highly bituminous coal coke."

	Carbon.	Vol. matter.	Ashes.
In composition this coal bears a strong analogy to the Staffordshire Wednesbury coal, which gives (Berthier)	67.5	30.	2.5
Clyde, near Glasgow, (also examined by Berthier)	64.4	31.0	4.6
Karthaus, (analysed by W. R. Johnson)	6.81	28.8	5.1
Vartey, ' three quarter coal,' (Mushet)	67.9	29.6	2.5
Blandare Meadow Coal, and at Pont-y-Pool, (Mushet)	66.84	29.16	3.0
Risea Big Vein, South Wales (Mushet)	68.016	29.15	2.834
Phelps vein, at Mynyddyswyn do.	68.00	30.00	2.00

	Carbon.	Vol. matter.	Ashes.
Dee Bank, near Holywell (Mushet)	66.348	31.60	2.054
Porkgate, main coal, Yorkshire, do.	67.145	30.730	2.125
Northumberland, Tyne Works, (Berthier)	67.500	30.00	2.50
Kidsgrove, North Staffordshire, seven feet coal (Mushet)	67.905	30.47	1.625
Green hole shaft, James river, Va. (Geolog. Survey)	67.83	30.17	2.00

MEETING OF BUSINESS, MAY 25, 1841.

VICE PRESIDENT WETHERILL in the Chair.

After various preparatory business, the Society proceeded to ballot for Members and Correspondents, when the following gentlemen were elected Resident Members :

Nathan Allen, M.D.
Charles Poulson, Jr. Esq.
Peter A. Browne, Esq.

The following Corresponding Members were also duly elected :

William C. Redfield, Esq., of New York.
Oliver P. Hubbard, M.D., of Dartmouth College, New Hampshire.
John Locke, M.D., of Cincinnati, Ohio.